

INSTRUCTIONS

FOR

Unpacking, Setting Up
and Operating

Edison Amberola Phonographs

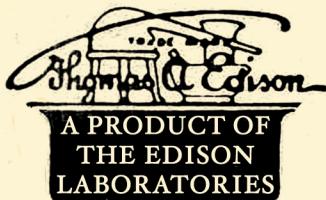
NOTICE

This instruction book is furnished as a guide for Edison owners

Dealers will please see that it is not removed.

IMPORTANT

Please read this booklet carefully before playing the instrument, and keep it for future reference, as it may prove very valuable at some later date



Thomas A. Edison, Inc.
ORANGE, N.J., U.S.A.

INSTRUCTIONS

EDISON AMBEROLA PHONOGRAPHS

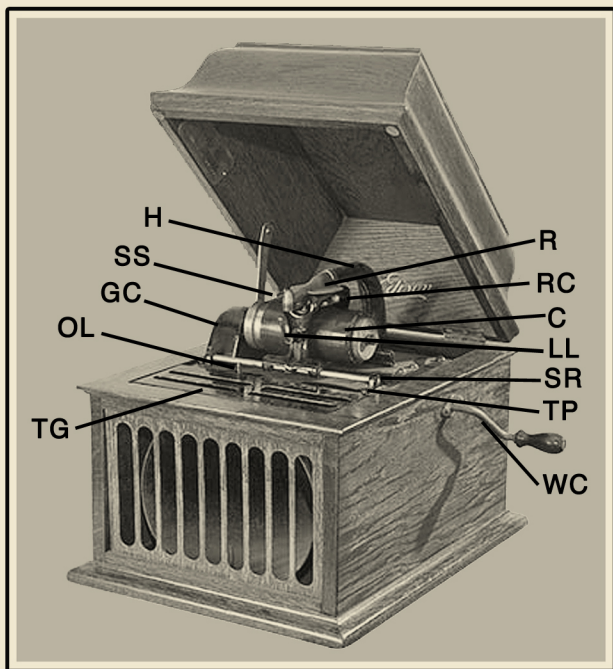
UNPACKING

1. Read the packing slip found with these instructions and check off the parts and accessories listed thereon when found.
2. Be careful to remove all packing material. such as cords, card-board, etc., from the various parts of the Instrument. Sometimes such material, allowed to remain about the Instrument, will prevent it from operating properly.
3. Cut all tie cords, as the Instrument may be damaged if you attempt to break them.

OILING

1. A clean and properly lubricated mechanism will ensure proper operation of the Instrument at all times.
2. Oil the Instrument carefully when it is received and about once a month when in use.
3. Use only Edison Oil. the use of inferior or unreliable lubricants will invariably result in dissatisfaction.
4. Remove top grille (T.G.) and governor cover (G. C.) and apply oil at the following points:
 - (a) All bearings and gears in mechanism beneath top plate (T. P.).
 - (b) Two end bearings of governor, and the gear and governor shaft, found beneath gear cover
 - (c) Two end bearings of cylinder (C.).
 - (d) Along feed screw (located beneath cylinder, slide rod (S.R.) (in front of cylinder) and the slide bearing (to rear of cylinder).
 - (e) Replace the gear cover (G.C.) and top grille (T.G.).

NOTE - The illustration herein shows the Amberola 30 Phonograph, but all parts referred to will be found similarly located in the other Amberola models.



TO PLAY PHONOGRAPH

1. Attach the winding crank (W.C.) as shown, and wind motor fully (Do not over-wind).
2. Raise the Reproducer (R.) by means of the lift lever (L.L.), and slide to extreme left.
3. Place record (title end out) upon cylinder (C.) so that it fits securely (Do not play with record loose).
4. Start the motor by pushing operating lever (O.L.) to left (press down slightly while operating this lever).
5. Slide Reproducer (R.) to right until the diamond point comes just within the grooved, or playing area of the record.
6. Lower Reproducer onto record, by turning down lift lever (L.L.). Make sure that the lever is down as far as it will go or the Instrument may repeat on some notes.
7. When record is finished, raise the Reproducer again and stop motor by means of operating lever (O.L.).
8. Slide Reproducer about half way toward left end of cylinder and remove record by pushing gently but firmly, against inner end.
9. To play another record, rewind motor and proceed as above.

NOTE — Rewinding after each record is not necessary, but will be found more convenient than to allow motor to run down before re-winding.

SPEED ADJUSTMENT

1. All Edison Blue Amberol Records are recorded at, and should be played at a cylinder speed of 160 turns per minute.

2. Each Instrument is carefully adjusted to play at this speed before leaving the factory. However, in shipping, the speed adjustment is occasionally upset, so please check speed as follows.

- (a) Place a small piece of paper between cylinder and record so that one end of paper projects out into view.
- (b) With record playing, count number of turns made by cylinder in one minute. (By allowing paper to touch the finger lightly and each turn of cylinder, counting will be easier and more accurate.)
- (c) If speed is not correct proper adjustment may be made by means of the speed adjusting screw, which is attached to governor friction bracket, which will be found by removing governor cover (G.C.).
- (d) Continue adjustments until speed is exactly 160 turns per minute and replace governor cover.
- (e) If speed is far from correct and cannot be adjusted as above, notify your dealer and he will make proper adjustment.

REPEATING

Improper operation and improper adjustments of the Instrument may cause some notes to repeat. Please note the following:

1. Take care that the Instrument rests on a steady and level surface. If surface is not level and steady the Instrument may repeat.
2. Be sure the record is tight on the cylinder. A loose record spoils the tone and may cause repeating.
3. When lowering Reproducer onto record be sure that lift lever (L.L.) is down as far as it will go.
4. Placing the Reproducer point on the smooth margin of record may cause repeating. Start Reproducer on the grooved area of the record.
5. The horn adjustment may be upset in shipping. see that the small end of the horn where it joins the Reproducer, comes up against shoulder on the Reproducer.
6. Occasionally the weight or hinged part of Reproducer becomes tight in its swivel, which condition may cause repeating. A drop of oil in the swivel joint will relieve this condition if it be found to exist.
7. See that the Reproducer (R.) rests securely in Reproducer carriage (R.C.). If it is loose or tipped, loosen the two screws (S.S.), press Reproducer down securely on it's seat and re-tighten screws (S.S.).
8. Be sure that the two sliding bearings of Reproducer carriage (R.C.) are lubricated at all times.
9. The feed nut which engages and travels along the feed screw beneath cylinder may mesh too tightly with feed screw and thus cause repeating. Set the adjustment screw to that feed nut meshes fully with feed screw, but be careful, at the same time, that it does not lift the Reproducer carriage off the back slide bearing.

GENERAL INFORMATION

1. Do not attempt to put on or take off a record with Reproducer in playing position (down).
2. Do not attempt to slide Reproducer to left or right when in playing position (down).
3. Do not play the Instrument at very high or low speeds. Play all records at 160 turns per minute. (See instructions under "SPEED ADJUSTMENT".)
4. Do not allow Reproducer point to drop onto record—it may be damaged by doing so
5. Keep the Instrument and records free from dust as far as possible
6. Do not neglect to oil the motor. (See instructions under "OILING".)
7. Should the Instrument start to operate with peculiar sudden jumps, it indicates that main spring needs lubrication. It is recommended that this be attended to by your dealer, or detailed instructions will be furnished by the factory on request.
8. Should it at any time be necessary to remove the Reproducer, proceed as follows:
 - (a) Loosen thumb screw (S.S.) which holds Reproducer in carriage; raise horn (H) with reproducer (R) until latter is free from carriage; turn Reproducer in horn until bottom side is up and withdraw Reproducer from horn (Do not withdraw Reproducer before bottom side is up or it may be injured.)
 - (b) When replacing Reproducer, be sure that it is seated securely in the carriage before tightening thumb screws (S.S.). and see that horn is connected properly to the Reproducer.
9. Do not leave a record on the cylinder when the Instrument is not in use.

SOME MODERN NOTES

STEPS TO CLEAN BLUE AMBEROL CYLINDERS

1. Using a fine bristle brush, lightly whisk away any dust/grit
2. DO NOT IMMERSE THE RECORD IN CLEANING SOLUTION! The fragile white/blue plaster core will absorb the moisture and swell... crack....or simply disintegrate.
3. DO NOT USE FULL CONCENTRATION ALCOHOL TO CLEAN THE RECORDS.
4. Dampen a paper towel with Windex or a 50/50 mix of alcohol and water, and wipe the cylinder in the direction of the grooves. If you remove dirt (inspect towel), then you must get a fresh paper towel, wet it, and wipe again. The reason why we do this is because if you wipe the record with a dirty towel, you will be creating microscopic scratches on the recording surface that you will hear when you play the record. Usually, one wiping is enough.
5. Gently wipe dry with a fresh paper towel. Don't worry about any remaining streaks, they will just evaporate within a minute or two.

The finish of your cabinet is shellac.

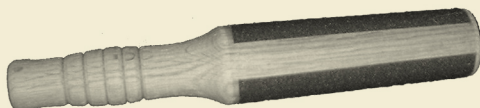
It can be restored without stripping. See tutorials online for more info on restoring shellac finishes.



3-IN-ONE oil is recommended for lubrication

Or other similar oils meant for motors and gears.

IF A CYLINDER DOES NOT FIT ON SPINDLE



Do not force cylinders. They should fit on completely (not hanging over the end of the metal cylinder.) Some cylinders may have warped or swollen and may not fit. In that case, they may still be playable but will need to be reamed with a device such as the one shown above. Amberol Reamers can be found online on ebay and various phonograph repair websites.